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SH	A	5,747,349		05/05/98	van den En	gh et al.	436	172			
-	В	5,981,180		11/09/99	Chandler	et al.	435	6			
	С	6,149,748		12/12/00	Hechin	ger	436	518_			
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				Filing Date November 14, 2001	Group Art Unit
	AMINER NITIAL		OTHER DOCUMENTS (Including Author, Title	le, Date, Pertinent Pages, Etc.)	CC.
	SH:		Angew, Chem, Int. Ed. Engl. 30 (1991) No. 12;, pgs 7-B-D-Galactopyranosyloxy-9, 9-dimethyl-9H-acrid	. 1646-1648 "A New Chromogenic B lin-2-one, Paul F. Corey, Robert W.	Salatosidase Sulstrute: Trinings, and William G. Biddlecom
111	1 2 EST	C. (88 3)	Tietz Textbook of Clinical Chemistry, Chapter 22,	pgs. 652-721	700
	RADEMAR	Wo.	Clin Chim Acta 1976 Jul. 15; 70(2): 333-336; An a fluorescence, occurring in the serum of patients wit D. Henderson AR	rtefact in lactate dehydrogenase isoe h end-stage renal disease requiring r	nzyme patterns, assayed by naintenance haemodialysis. McKenzie
			J Biochem (Tokyo) 1983 Apr.; 93(4): 1055-1060; Pi alpha-amylase assay by HPLC; Omichi K., Ikenaka	reparation of a new fluorogenic subs T.	trate of alpha-amylases and a simple
	.D	8	Clin Chim Acta 1984 Apr. 13; 138(2); 197-203; Diffusing a new fluorogenic substrate; Omichi K. Ikena	ferential assay of human pancreatic a ka T.	and salivary alpha-amylases in serum
	RECEIVE	بنا	J. Biochem (Tokyo) 1986 Jan.; 99(1): 291-294; Fluo fluorescent substrate (FG5P). Omichi K., Ikenaha	orometric rate assay of alpha-amylas T.	e using an intramolecularly-quenched
	R		4. Chromatogr 1987 Aug. 7; 419: 51-60; Liquid chr Salivary alpha-amylase using reductively pyridylam Segawa Y., Minematsu T. Kakehi K.	omatographic assay of the relative a linated maltopentaose as a fluorescei	ctivities of serum pancreatic and at substrate. Honda S., Ohmura T.,
					TC
		00	Clin Chem 1975 Nov.; 21 (12) 1788-1790; Fluorome	etric method for measuring serum lip	pase activity. Retetz B., Guilbault GC
:IVED	0 2002	3 1600/29 _D (Clin Chem 1986 Aug.; 32(8): 1532-1536; Fluorome Douste-Blazy L.	tric assay for pancreatic lipase; Salv	ayre R., Negre A., Radom I.,
HECEIVE	AUG 3	H CENTER	Biochim Biophys Acta 1988 Nov. 25; 963(2): 340-34 stomach and gastric juice; Negre A., Salvayre R., D	8; Hydrolysis of fluorescent pyrenet ousset N., Rogalle P., Dang QQ, Dot	riacylglycerols by lipases from human iste-Blazy L.
	1	150	Anal Chem 1992 Jan. 15; 64(2); 181-186; Determin fluorescent substrates; Wierzchowski J., Holmquist	ation of human serum alcohol dehyd B., Vallee BL.	rogenase using isozyme-specific
`			J Pept Sci 1998 Apr.; 4(2): 83-91; Inhibition of cruz assay. D-amino acid inhibitors for cruzipain, cathes Nery Ed, Scharfstine J.	zipain visualized in a fluorescence qu pin B and cathepsin L.; Meldal M.,	enched solid-phase inhibitor library Svendsen IB, Juliano L., Juliano MA,
EXAM	IINER	, \	light of	DATE CONSIDERED 6/6/6	, s
*EXA			itation considered, whether or not citation is in conforma	nce with MPEP Section 609; Draw line t	brough citation if not in conformance and

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<u>DN</u>	MAL		Proc Notl Acad Sci USA 1004 Apr. 12: 01(8): 3314.	3318: Portion mixing pentide libraria	s of quenched fluorogenic sustrates
S	H		for complete subsite mapping of endoprotease specification of the subsite mapping of endoprotease specification for the subsite mapping of the subsite mapping of endoprotease specification for the subsite mappi	ficity; Meldal M., Svendsen I., Bredda	im K., Auzanneau Fl
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\$	(PE	49/	Methods Mol Biol 1998; 87: 51-57; Introduction to Meldal M.	combinatorial solid-phase assays for e	nzyme activity and inhibition
	. 2 2	m [8]			00
, iu	- 2 - 4 - 4	FFICE	Anal Biochem 1991 Apr.; 194(1); 185-191; A solid-rusing recombinant aequorin; Zatta PF, Nyame K., C	phase assay for beta-1,4-galactosyltran	osferase activity in human serum
1	TRADEY	erto			
\dashv	·		Appl Biochem Biotechnol 1996 Feb.; 56(2): 155-167	; Immobilized glucose-6-phosphate de	hydrogenase as a substrate for
			solubilized epidermal growth factor receptor tyrosis	ne kinase. A convenient microtiter pla	ite assay system; Cheng CH, Hui ST.
_		2			
		R 17	Clin Chem 1975 Nov.; 21(12); 1791-1794; Fluorome semisolid surface; Rietz B., Gullbault GG.	etric assay of serum acid or alkaline pl	hosphatase, either in solutino or on a
	1001	ENTER 170			
1	2 3		Clin Chim Acta 1980 Oct. 23; 107(1-2); 21-26; A ne gamma-glutamyltransferase activity in blood serum	w fluorimetric method for the determ	ination of A.
ħ	ECE	73700)	, - · · · · · · · · · · · · · · · · · ·	:
	品		Gin Chim Acta 1982 June 3; 121(3): 291-300; Loca	lization of gamma-glutamyl transfera	se on polyacrylamide gels using
			gamma-glutamyl-p-nitroanilide as substrate; Selv	araj P., Balasubramanian KA	7C 1
					RR.
			Ann Clin Biochem 1985 Jul.; 22(Pt 4): 376-380; Elewith hepatoma; Hammond KD, Gravenor MJ, Piesa	ctrophoretic studies of serum gamma- as D	glutamyl transferase from patients
\sim		8) IL F
IJ	20	92/0	Spatial and Spectral Imagining of Single Micron-Siz	zed Solvent Cast Fluorescent Plasticiz	ed Poly(viny) chloride) antode
<u>></u>	2002	160	particles; Ioannis Tsagkatakis, Shane Peper and Eri Alabama 36849; Submitted to BCI on May 22, 2000	to be pulished in Analytical Chemist	ry; pgs 194, Figures 1, 3, 4, 5 and 6
	F	VENIEH 1600/29	Cytometry 25: 374-380 (1996); Flow Cytometric An	nalysis of Gelatinase B (MMP-9) Activ	ity using immobilized fluorescent
	AUG		substrate on microspheres; Yves St-Pierre, Marcel I Opdenakker	Desrosiers, Pierre Tremblay, Pérre-O	livier Esteve, and Ghislain
-	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	5			
	1	l	Proc. Natl. Acad. Sci. USA Vol. 91. pp. 3314-3318, A fluorogenic substrates for cooplete subsite mapping	April 1994 Chemistry; Portion-mixing of endoprotease specificity; Morten N	peptide libraries of quenched feldal, IB Svendsen, Klaus Breddam,
			and France-Isabelle Auzanneau		
	+-		The Journal of Biological Chemistry, Vol. 272, No. tetrasaccharide as a substrate to study cellulases; Sy	5, Issue of Jahuary 31, pp. 2709-2713,	1997; A bifunctionalized fluorogenic
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					OTHER I	OCUMENTS (Incli	uding Author, Title	e, Dat	e, Pertinent Pa	हुहों, EIG)7	
011			J. Peptide Sci. 4; 83-9 assay. D-Amino acid Maria A. Juliano, Ele	91 (1998) Inhibition inhibitions for cruzip	of Cruzipa ain, cathe	in Visualized in a Fl psin B and Cathepsin	uorescence quen L., Morten Me	ched Idal,	solid-phase i IB Svendsen,	nhibitor.) Luiz Juli	ibrary ano,
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1 108,	U.S. PATENT DOCUMENTS						
EXAMPLE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
SH	4162282	7/1979	Fulwyler et al.		 	IF APPROPRIATE	
- 	4302166	11/1981	Fulwyler et al.		1		
	4499052	2/1985	Fulwyler				
	4665020	5/1987	Saunders				
	5503770	4/1996	James et al.				
	5736330	4/1998	Fulton				
	5747349	5/1998	van den Engh et al.				
	5763238	6/1998	James et al.				
	5851778	12/1998	Oh et al.				
	5981180	11/1999	Chandler et al.				
V	6057107	5/2000	Fulton				
•		FORE	IGN PATENT DOCUMENTS				
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
SIF	126450		Europe				
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	OTHER DOCUME	•	g Author, Title, Date, Pertinent I				
51.7	Robert H. Fairclough an Assemblies" (Methods in	d Charles R. Ca n Enzymology, 4	ntor "The Use of Singlet - Singlet En B, 347 (1978	ergy Transf	er to Study Ma	cromolecular	
	Thomas M. McHugh, "Flow Microsphere Immunossay for the Quantitative and Simultaneous Detection of Multiple Soluble Analytes", Methods in Cell Biology, Vol. 42, 2nd Ed., Part B. pgs. 575-595.						
V	Audifted , Methods in Cell Biology, You 42, 2nd Ed., 1 att B. pgs. 373-373.						
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\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Retroviral Porteases by	Gary T. Wang, G Resonance Energ	rant A. K gy Transfe	rafet, and John Erickson r" (Science, Vol. 247, 954	"Novel Fluor (1990)	ogenic Substrat	es for Assaying	
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Electronic Information Disclosure Statement

METHOD AND APPARATUS FOR **MULTIPLEX FLOW CYTOMETRY ANALYSIS OF DIVERSE MIXED** ANALYTES FROM BODILY FLUID **SAMPLES**

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Application:

Confirmation: 4728

Applicant(s):

Michael BELL

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
Ç#	P01	3925018	1975-12-09		Saunders	23	230
	P02	5072382	1991-12-10		Kamentsky	364	413
							<u></u>

SH	P03	5107422	1992-04-21	CONTROLLED TO SEE SEE CONTROLLED FOR	Kamentsky et al.	364	413.08
	P04	5202230	1993-04-13		Kamentsky	435	6
	P05	5427910	1995-06-27		Kamentsky et al.	435	6
	P06	5449601	1995-09-12		Jean et al.	435	5
	P07	5466609	1995-11-14		Siiman et al.	436	518
	P08	5523207	1996-06-04		Kamentsky et al.	435	6
	P09	5707877	1998-01-13		Siiman et al.	436	518
	P10	5776706	1998-07-07		Siiman et al.	435	7.21
	P11	5776720	1998-07-07		Jaffe et al.	435	29
	P12	5814468	1998-09-29		Siiman et al.	435	7.21
	P13	5849513	1998-12-15		Jaffe et al.	435	29
	P14	6046807	2000-04-04		Chandler	356	318
	P15	6063637	2000-05-16		Arnold et al.	436	94
N	P16	6074884	2000-06-13		Siiman et al.	436	518

Remarks

(Remarks are not for responding to an office action.)

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It is believed that this disclosure complies with the requirements of 37 C.F.R. 1.56 and the Manual of Patent Examining Procedures Section 707.05 (b). If for some reason the Examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied. Applicant believes that because this Disclosure Statement is being submitted within three months of the filing date and/or before the first Office Action on the merits, no fee is due. If this is incorrect, please charge any necessary fee for consideration of this Disclosure Statement to Deposit Account No. 19–2090 (Sheldon & Mak). No fee is believed due in connection with this communication. However, if it is determined that a fee is due, the Commissioner is hereby authorized to charge payment of any fees to Deposit Account No. 19–2090.

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